



AFTER FINAL REJECTION  
EXPEDITED PROCEDURE EXAMINING GROUP 2800

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/804,081

Confirmation No.: 9115

In re Application of:

Fumihiro ARAKAWA et al.

Group Art Unit: 2872

Filed: March 13, 2001

Examiner: Alessandro V. Amari

For: ANTIREFLECTION FILM

REQUEST FOR RECONSIDERATION

MAIL STOP AF

Commissioner for Patents

P. O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

Applicants request reconsideration of the rejection in the Final Rejection mailed February 10, 2004 in light of the following remarks.

Claims 1, 2, 5 to 7, and 12 stand finally rejected under 35 USC 103 as unpatentable over Oka et al '524 in view of Clapham et al. '465. The rejection is respectfully traversed (applicants note that the previous rejection based upon Nilsen et al. '389 has been withdrawn).

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The Examiner asserts that the primary reference teaches all of the features of the claims but for the use of a fine concave-convex portion wherein the concave and convexes are provided at a pitch of not more than a wavelength of light. The secondary reference is said to show such a concept and the Examiner asserts on page 4 of the Office Action that it would have been an obvious matter for the artisan to combine same "in order to provide reduced reflectance properties to the surface portion of Oka over a wider range of wavelengths."

Applicants continue to rely upon the arguments presented in the Amendment under 37 CFR 1.111 filed November 18, 2003. Although the references were argued in separate paragraphs, applicants did not argue the references separately but explained, for the reasons given in that paper, why one of ordinary skill in the art would have no motivation to combine the teachings of those references. The references have been combined only after the instant claims were read and an attempt to find disclosure of what was missing from the primary reference. Applicants say with respect that the secondary reference doesn't show the missing feature, and in addition there is no proper reason to combine the references.

Applicants point out that Oka et al. '524 distinguishes between an antireflection-antiglare film and an antireflection film; see the discussion in the patent at column 7, line 46 to column 8, line 42. In an antiglare aspect of that invention, reference is made to "a fine uneven surface" on the antiglare layer; see for example, the first element recited in patent claim 1 but there is no such indication for the antireflection film only as claimed in claims 13 to 19. It is therefore respectfully submitted that one of ordinary skill in the art would not be considering concave/convex portions in antireflection films. It is further respectfully submitted that the claims as written patentably distinguish over Oka et al. '524; the elements used to accomplish the respective objectives are different.

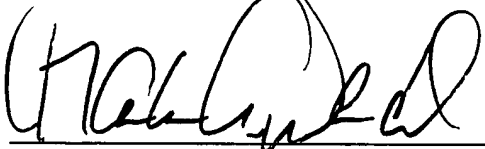
Moreover, the secondary reference is an old patent discussing a technique for modifying a surface so that it has reduced reflectance to an electromagnetic radiation. The invention clearly is not in the context of the present invention; although there is mention of pitch values less than the wavelength of light, it is respectfully submitted that an overall reading of the patent in context neither suggests nor indicates that the invention is

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intended or contemplated for use in systems such as those taught in the primary reference. Clapham et al. '465 teaches a method having a number of variables (see the Abstract and patent claim 1) for consideration to achieve the objective of "reduced reflectance to electromagnetic radiation." There is no teaching, suggestion or awareness of controlling the pitch of fine concaves and convexes so that they are "continuously provided at a predetermined pitch of not more than the wavelength of light." The rejection should be withdrawn.

Respectfully submitted,

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